## CONVERSION OF TEMPERATURES

| From | To | |
|---|---|---|
| Celsius | Fahrenheit | $t_F/^\circ F = (9/5)\, t/^\circ C + 32$ |
| | Kelvin | $T/K = t/^\circ C + 273.15$ |
| | Rankine | $T/^\circ R = (9/5)\, (t/^\circ C + 273.15)$ |
| Fahrenheit | Celsius | $t/^\circ C = (5/9)\, [(t_F/^\circ F) - 32]$ |
| | Kelvin | $T/K = (5/9)\, [(t_F/^\circ F) - 32] + 273.15$ |
| | Rankine | $T/^\circ R = t_F/^\circ F + 459.67$ |
| Kelvin | Celsius | $t/^\circ C = T/K - 273.15$ |
| | Rankine | $T/^\circ R = (9/5)\, T/K$ |
| Rankine | Fahrenheit | $t_F/^\circ F = T/^\circ R - 459.67$ |
| | Kelvin | $T/K = (5/9)\, T/^\circ R$ |

Definition of symbols:

$T$ = thermodynamic (absolute) temperature
$t$ = Celsius temperature (the symbol $\theta$ is also used for Celsius temperature)
$t_F$ = Fahrenheit temperature

## DESIGNATION OF LARGE NUMBERS

| | U.S.A. | Other Countries |
|---|---|---|
| $10^6$ | million | million |
| $10^9$ | billion | milliard |
| $10^{12}$ | trillion | billion |
| $10^{15}$ | quadrillion | billiard |
| $10^{18}$ | quintillion | trillion |

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